

Sorting with Carroll and Venn diagrams

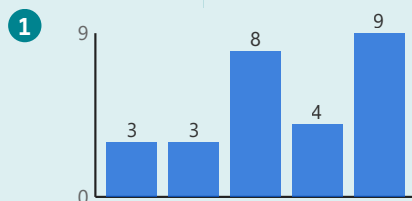
MODULE 9 · DATA AND CHANCE

DATA & CHANCE

HOW TO ANSWER TODAY

- **Mode (most common).** The mode is the number that appears MOST OFTEN.
2, 2, 3, 5, 2, 7 → 2 appears three times → mode is 2
- **Tally marks.** Tally marks come in gates of 5. Count gates × 5, then add the singles.
3 gates + 2 singles → $3 \times 5 + 2 = 17$

WARM-UP



Aoife writes down the number of euros she got in pocket money each week for five weeks: 3, 3, 8, 4 and 9. What is the mode of her weekly pocket money?

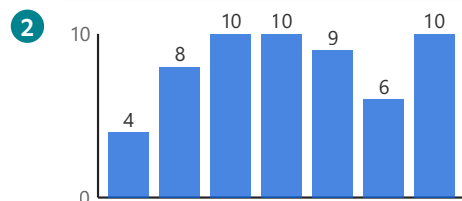
- 2 Mr Ó Briain keeps a tally of pupils who chose 'pizza' as their favourite lunch in the daily question this week. The chart shows 1 full gate of 5 marks and 4 extra single marks beside it. How many pupils picked pizza in total?

A tally chart shows 1 groups of 5 (gate marks) plus 4 extra single marks. How many items does this represent in total?

PRACTICE

- 1 Cara surveys 4th class about their favourite weekend treat. She gets 26 responses for ice cream and records them as a tally on the board. How many groups of 5 (gate marks) will the tally have, and how many extra single marks?

A class survey records 26 responses for one option. How many groups of 5 (gate marks) will the tally have, and how many extra single marks?



Ms. Kelly's 3rd class records how many books each pupil read during Seachtain na Leabhar. The totals are 4, 8, 10, 10, 9, 6 and 10 books. What is the mode of the number of books read?